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DIALOG(R)File 351:Derwent WPI

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Admixture for concrete - based on copolymer of polyalkylene glycol ester and acrylic monomer, unsatd. dicarboxylic acid monomer and hydroxycarboxylic acid

Patent Assignee: KAO CORP (KAOS)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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JP06092704	A	19940405	92JP-0239526	A	19920908	199418 B
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JP-3203270	B2	20010827	92JP-0239526	A	19920908	200152
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Priority Applications (No Type Date): 92JP-0239526 A 19920908

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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JP06092704	A	7	C04B-024/26		
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JP-3203270	B2	7	C04B-024/26	Previous Publ. patent JP-6092704	
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Abstract (Basic): JP 6092704 A

A mixture for concrete is composed of (1) a copolymer or its metallic salt, which is obtd. by copolymerising monomer (A) and monomer (B) where (A) is polyalkylene glycolmonoester system monomer having unsatd. bond, and (B) is acrylic monomer and/or unsatd. dicarboxylic acid system monomer; (2) polyethylene glycol of average molecular wt. at 5000-100000; and (3) one or more of hydroxy carboxylic acid or its salt, sugar and sugar alcohol. The admixture is blended into cement mixt. of water/cement ratio or less than 30 wt.%.
USE/ADVANTAGE - Used for producing concrete of super-high strength. fluidity and viscosity of concrete are improved.

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